



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 4

Test Date: March 2009  
Code: 12481953  
SAU: MSAD 54  
School: Mill Stream Elementary School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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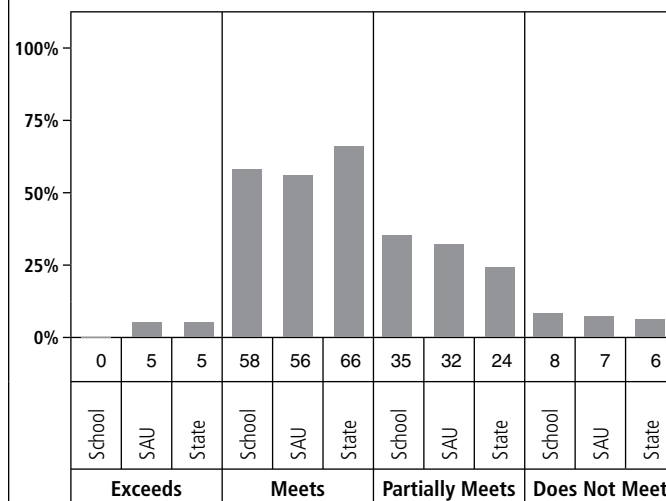
# SUMMARY OF SCORES

Test Date: March 2009  
 Grade: 4  
 SAU: MSAD 54  
 School: Mill Stream Elementary School

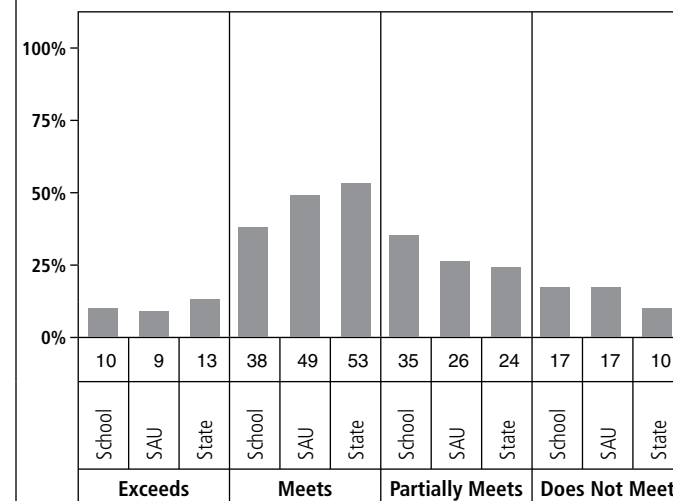
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b> 2006–2007 2007–2008 <b>2008–2009</b> Cum. Avg.*	<b>442</b>	442 443 <b>445</b> 443	445 445 <b>446</b> 445
<b>Mathematics</b> 2006–2007 2007–2008 <b>2008–2009</b> Cum. Avg.*	<b>441</b>	441 442 <b>443</b> 442	445 445 <b>446</b> 445

## ELA – READING



## MATHEMATICS



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 4  
SAU: MSAD 54  
School: Mill Stream Elementary School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	52	100	186	100	13805	100	52	100	185	99	13737	100	52	100	185	99	13746	100						
<b>Ethnicity</b> African American/Black	0	0	2	1	419	3	0	0	2	100	410	98	0	0	2	100	416	99						
American Indian or Native Alaskan	0	0	1	1	125	1	0	0	1	100	124	99	0	0	1	100	124	99						
Asian or Pacific Islander	0	0	1	1	229	2	0	0	1	100	223	97	0	0	1	100	227	99						
Hispanic	0	0	0	0	149	1	0	0	0	0	148	99	0	0	0	0	148	99						
Caucasian/White	52	100	182	98	12883	93	52	100	181	99	12832	100	52	100	181	99	12831	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Identified disability</b>	11	21	34	18	2383	17	11	100	34	100	2366	100	11	100	34	100	2364	99						
<b>Current LEP</b>	0	0	1	1	377	3	0	0	1	100	362	96	0	0	1	100	373	99						
<b>Economically disadvantaged</b>	35	67	108	58	5819	42	35	100	107	99	5782	99	35	100	107	99	5788	100						
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100						

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	43	83	134	72	10439	76	43	83	134	72	10471	76						
Identified disability (PET/IEP)	2	5	6	4	351	3	2	5	6	4	367	4						
LEP	0	0	0	0	171	2	0	0	0	0	172	2						
504 plan	0	0	1	1	92	1	0	0	1	1	90	1						
<b>Participation with accommodations</b>	9	17	49	26	3142	23	9	17	49	26	3138	23						
Identified disability (PET/IEP)	9	100	26	53	1860	59	9	100	26	53	1860	59						
LEP	0	0	1	2	186	6	0	0	1	2	198	6						
504 plan	0	0	0	0	71	2	0	0	0	0	73	2						
Other	0	0	22	45	1060	34	0	0	22	45	1043	33						
<b>Participation through alternate assessment (PAAP)</b>	0	0	2	1	155	1	0	0	2	1	137	1						
Identified disability (PET/IEP)	0	0	2	100	155	100	0	0	2	100	137	100						
LEP	0	0	0	0	4	3	0	0	0	0	3	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	1	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	11	0	0	0	0	0	11	0						
<b>Non-participation – other</b>	0	0	1	1	57	0	0	0	1	1	48	0						

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 4  
SAU: MSAD 54  
School: Mill Stream Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 462–480)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	0	0	1 3 <b>9</b> 13	0 1 <b>5</b> 2	507 559 <b>672</b> 1738	4 4 <b>5</b> 4
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 442–460)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	30	58	103 107 <b>103</b> 313	51 53 <b>56</b> 53	8749 8308 <b>8917</b> 25974	63 59 <b>66</b> 63
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 432–440)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	18	35	74 70 <b>59</b> 203	36 35 <b>32</b> 35	3467 3922 <b>3241</b> 10630	25 28 <b>24</b> 26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 400–430)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	4	8	25 22 <b>12</b> 59	12 11 <b>7</b> 10	1165 1264 <b>751</b> 3180	8 9 <b>6</b> 8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Reading Total Points</b>	<b>48</b>	<b>100</b>	28.6	59.6	30.2	62.9	31.6	65.8
<b>A1/A2 Interconnected Elements/Literary Text</b>	<b>24</b>	<b>50</b>	14.8	61.7	15.6	65.0	16.1	67.1
<b>A1/A3 Interconnected Elements/Informational Text</b>	<b>24</b>	<b>50</b>	13.9	57.9	14.6	60.8	15.5	64.6

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 4  
 SAU: MSAD 54  
 School: Mill Stream Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	52	0	0	30	58	18	35	4	8	442	183	5	56	32	7	445	13581	5	66	24	6	446
<b>Ethnicity</b>																						
African American/Black	0										2						408	2	51	31	16	441
American Indian or Native Alaskan	0										1						122	1	59	34	6	444
Asian or Pacific Islander	0										1						221	9	62	22	7	447
Hispanic	0										0						146	1	64	28	6	445
Caucasian/White	52	0	0	30	58	18	35	4	8	442	179	5	56	33	6	445	12684	5	66	24	5	446
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	11	0	0	0	0	7	64	4	36	430	32	0	19	47	34	434	2211	1	39	42	18	439
No	41	0	0	30	73	11	27	0	0	446	151	6	64	29	1	447	11370	6	71	20	3	448
<b>Current LEP</b>																						
Yes	0										1						357	3	42	36	19	440
No	52	0	0	30	58	18	35	4	8	442	182	5	56	32	7	445	13224	5	66	24	5	446
<b>Economically disadvantaged</b>																						
Yes	35	0	0	15	43	16	46	4	11	440	106	2	44	44	9	441	5677	2	57	32	9	443
No	17	0	0	15	88	2	12	0	0	448	77	9	73	16	3	449	7904	7	72	18	3	448
<b>Migrant</b>																						
Yes	0										0						6	0	67	33	0	445
No	52	0	0	30	58	18	35	4	8	442	183	5	56	32	7	445	13575	5	66	24	6	446
<b>Gender</b>																						
Female	23	0	0	16	70	5	22	2	9	445	95	5	58	29	7	445	6580	7	68	21	5	448
Male	29	0	0	14	48	13	45	2	7	440	88	5	55	35	6	445	7001	3	64	27	6	445
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	14	0	0	7	50	7	50	0	0	441	44	0	34	66	0	441	2127	1	48	42	9	441
No	38	0	0	23	61	11	29	4	11	443	139	6	63	22	9	446	11454	6	69	20	5	447
<b>Gifted/talented program</b>																						
Yes	0										1						324	27	72	1	0	458
No	52	0	0	30	58	18	35	4	8	442	182	5	56	32	7	445	13257	4	65	24	6	446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 4  
SAU: MSAD 54  
School: Mill Stream Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	13	0	0	1	14	4	57	2	29	431	9	0	53	35	12	440	4	2	45	36	17	441
B. less than one hour	79	0	0	27	66	13	32	1	2	445	68	4	59	31	6	445	75	5	67	23	4	447
C. one to two hours	6	0	0	2	67	1	33	0	0	443	19	12	56	29	3	448	18	5	67	23	5	447
D. more than two hours	2	0	0	0	0	0	0	1	100	412	4	0	14	57	29	434	2	3	45	36	16	442
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	46	0	0	15	63	8	33	1	4	443	43	9	59	28	4	447	40	8	71	17	4	449
B. good	40	0	0	14	67	7	33	0	0	446	41	3	64	32	1	446	45	3	66	25	5	446
C. fair	8	0	0	1	25	2	50	1	25	436	13	0	35	43	22	437	13	1	54	35	10	442
D. poor	6	0	0	0	0	1	33	2	67	423	3	0	0	50	50	427	2	0	39	42	19	439
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	37	0	0	13	68	6	32	0	0	445	34	6	63	29	2	446	31	8	69	19	4	448
B. They match some of what I have learned.	46	0	0	16	67	8	33	0	0	445	50	4	60	31	4	446	53	4	68	23	4	447
C. They match just a little of what I have learned.	6	0	0	1	33	1	33	1	33	435	10	5	37	47	11	442	11	2	54	35	10	442
D. There is no match.	12	0	0	0	0	3	50	3	50	426	5	0	20	40	40	429	4	1	39	40	20	439
<b>How hard was the reading part of this test?</b>																						
A. harder than my regular schoolwork	19	0	0	2	20	5	50	3	30	434	16	0	31	52	17	439	19	4	54	31	11	443
B. about the same as my regular schoolwork	58	0	0	22	73	7	23	1	3	445	63	6	65	26	3	447	63	6	69	22	4	447
C. easier than my regular schoolwork	23	0	0	6	50	6	50	0	0	442	21	5	49	36	10	443	18	4	68	23	5	446
<b>How hard were the reading passages on this test?</b>																						
A. Most of the passages were harder than what I normally read.	16	0	0	2	25	4	50	2	25	435	13	0	13	74	13	437	13	0	39	43	17	439
B. Most of the passages were about the same as what I normally read.	63	0	0	21	66	10	31	1	3	444	51	0	70	26	4	445	52	4	69	24	4	446
C. Most of the passages were easier than what I normally read.	22	0	0	7	64	4	36	0	0	446	37	13	54	27	6	448	35	9	72	16	3	449
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	29	0	0	7	47	7	47	1	7	442	21	3	46	44	8	443	21	8	68	19	5	448
B. 20 minutes to an hour	31	0	0	12	75	4	25	0	0	446	56	8	66	22	4	447	55	5	70	21	4	447
C. less than 20 minutes	17	0	0	7	78	1	11	1	11	445	10	0	56	39	6	442	13	2	57	33	8	443
D. I rarely read at home.	23	0	0	4	33	6	50	2	17	436	13	0	30	52	17	436	11	1	51	37	11	442
<b>How many pages do you read in school and to complete homework assignments?</b>																						
A. five or fewer pages	24	0	0	5	42	6	50	1	8	440	20	3	49	37	11	441	25	3	59	30	8	444
B. six to ten pages	37	0	0	12	63	6	32	1	5	443	25	5	57	34	5	444	24	4	64	26	6	445
C. eleven or more pages	39	0	0	13	65	5	25	2	10	443	55	6	59	29	6	446	51	7	70	20	4	448
<b>Optional school/SAU question</b>																						
A.	33	0	0	0	0	1	100	0	0	432	33	0	0	50	50	431						
B.	33	0	0	0	0	1	100	0	0	434	17	0	0	100	0	434						
C.	33	0	0	0	0	0	0	0	0	446	33	0	50	50	0	443						
D.	0			1	100	0	0	0	0		17	0	100	0	0	458						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 4  
SAU: MSAD 54  
School: Mill Stream Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 462–480)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	<b>5</b>	<b>10</b>	13 13 <b>16</b> 42	6 6 <b>9</b> 7	1054 1321 <b>1712</b> 4087	8 9 <b>13</b> 10
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 442–460)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	<b>20</b>	<b>38</b>	88 86 <b>89</b> 263	43 43 <b>49</b> 45	7394 7079 <b>7270</b> 21743	53 51 <b>53</b> 52
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 430–440)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	<b>18</b>	<b>35</b>	62 73 <b>47</b> 182	30 36 <b>26</b> 31	3729 3955 <b>3219</b> 10903	27 28 <b>24</b> 26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 400–428)	2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	<b>9</b>	<b>17</b>	41 30 <b>31</b> 102	20 15 <b>17</b> 17	1735 1642 <b>1408</b> 4785	12 12 <b>10</b> 12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>48</b>	<b>100</b>	27.5	57.3	28.5	59.4	30.8	64.2
<b>A. Number</b>	<b>20</b>	<b>42</b>	11.2	56.0	11.6	58.0	12.5	62.5
<b>B. Data</b>	<b>8</b>	<b>17</b>	4.6	57.5	5.0	62.5	5.3	66.3
<b>C. Geometry</b>	<b>10</b>	<b>21</b>	5.8	58.0	5.7	57.0	6.5	65.0
<b>D. Algebra</b>	<b>10</b>	<b>21</b>	6.0	60.0	6.2	62.0	6.5	65.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 4  
SAU: MSAD 54  
School: Mill Stream Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	52	5	10	20	38	18	35	9	17	441	183	9	49	26	17	443	13609	13	53	24	10	446
Ethnicity																						
African American/Black	0										2						415	5	41	30	24	439
American Indian or Native Alaskan	0										1						123	12	46	28	13	445
Asian or Pacific Islander	0										1						225	22	45	20	12	448
Hispanic	0										0						147	3	58	30	10	443
Caucasian/White	52	5	10	20	38	18	35	9	17	441	179	9	49	26	16	443	12699	13	54	23	10	447
Not Reported	0										0						0					
Identified disability																						
Yes	11	0	0	0	0	5	45	6	55	424	32	0	19	31	50	429	2227	3	34	33	30	437
No	41	5	12	20	49	13	32	3	7	446	151	11	55	25	10	445	11382	14	57	22	7	448
Current LEP																						
Yes	0										1						370	7	35	31	27	439
No	52	5	10	20	38	18	35	9	17	441	182	9	48	26	17	443	13239	13	54	23	10	447
Economically disadvantaged																						
Yes	35	1	3	12	34	14	40	8	23	438	106	5	37	34	25	439	5704	6	48	30	16	442
No	17	4	24	8	47	4	24	1	6	448	77	14	65	14	6	448	7905	18	57	19	6	450
Migrant																						
Yes	0										0						6	17	33	50	0	448
No	52	5	10	20	38	18	35	9	17	441	183	9	49	26	17	443	13603	13	53	24	10	446
Gender																						
Female	23	2	9	12	52	4	17	5	22	443	95	8	53	20	19	443	6591	12	54	24	11	446
Male	29	3	10	8	28	14	48	4	14	440	88	9	44	32	15	442	7018	13	53	24	10	447
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	14	2	14	2	14	7	50	3	21	438	44	5	20	45	30	436	2131	3	41	38	18	440
No	38	3	8	18	47	11	29	6	16	442	139	10	58	19	13	445	11478	14	56	21	9	448
Gifted/talented program																						
Yes	0										1						324	64	34	2	0	464
No	52	5	10	20	38	18	35	9	17	441	182	8	49	26	17	443	13285	11	54	24	11	446

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 4  
SAU: MSAD 54  
School: Mill Stream Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	13	0	0	1	14	5	71	1	14	434	9	0	29	65	6	438	4	4	37	30	28	438
B. less than one hour	79	5	12	17	41	13	32	6	15	443	68	7	54	25	14	444	75	13	55	23	9	447
C. one to two hours	6	0	0	2	67	0	0	1	33	441	19	21	41	15	24	444	18	12	54	24	10	446
D. more than two hours	2	0	0	0	0	0	0	1	100	400	4	0	43	0	57	431	2	7	39	29	25	440
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	44	3	13	12	52	7	30	1	4	447	40	14	54	24	8	447	37	22	56	16	7	451
B. good	33	2	12	4	24	6	35	5	29	436	36	8	52	23	17	442	45	9	56	25	9	446
C. fair	19	0	0	4	40	4	40	2	20	438	21	0	41	31	28	437	14	3	46	34	17	440
D. poor	4	0	0	0	0	1	50	1	50	429	3	17	0	33	50	433	3	2	33	35	29	436
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	37	1	5	9	47	7	37	2	11	442	29	9	51	28	11	445	35	19	56	19	7	450
B. They match some of what I have learned.	48	4	16	9	36	7	28	5	20	441	55	8	50	24	18	442	51	11	56	25	8	446
C. They match just a little of what I have learned.	6	0	0	1	33	2	67	0	0	437	11	14	48	24	14	442	10	5	43	31	21	440
D. There is no match.	10	0	0	1	20	2	40	2	40	438	4	0	13	38	50	434	4	3	26	33	37	434
<b>How hard was the mathematics part of this test?</b>																						
A. harder than my regular schoolwork	17	0	0	2	22	3	33	4	44	432	24	0	51	21	28	438	17	5	44	31	20	441
B. about the same as my regular schoolwork	52	2	7	14	52	9	33	2	7	443	58	8	54	25	12	444	62	13	57	23	7	448
C. easier than my regular schoolwork	31	3	19	4	25	6	38	3	19	442	18	21	30	30	18	444	21	18	53	19	10	449
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	10	0	0	1	20	1	20	3	60	428	8	7	27	27	40	437	7	6	36	32	27	438
B. 30–45 minutes	15	0	0	4	50	2	25	2	25	439	19	0	59	18	24	441	25	7	52	28	12	444
C. 45–60 minutes	31	0	0	6	38	8	50	2	13	438	40	10	45	33	12	443	38	14	56	22	8	448
D. more than 60 minutes	44	5	22	9	39	7	30	2	9	447	33	13	52	21	13	445	30	18	56	19	7	449
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	2	0	0	0	0	0	0	1	100	422	3	0	0	40	60	428	3	4	36	31	28	438
B. two or three days a week	0										2	0	25	50	25	434	12	13	51	26	10	446
C. two or three times each month	8	0	0	2	50	2	50	0	0	442	13	4	50	25	21	442	32	15	58	20	7	449
D. never or almost never	90	5	11	18	38	16	34	8	17	441	82	10	51	25	15	443	53	11	53	25	11	446
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	23	0	0	5	42	4	33	3	25	435	20	6	33	33	28	436	26	12	50	25	13	445
B. two or three days a week	52	3	11	14	52	8	30	2	7	446	36	9	59	21	11	446	32	14	57	21	7	448
C. two or three times each month	6	1	33	0	0	1	33	1	33	442	30	7	54	24	15	444	26	13	56	22	8	448
D. never or almost never	19	1	10	1	10	5	50	3	30	435	14	12	32	32	24	440	17	9	50	27	13	444
<b>Optional school/SAU question</b>																						
A.	33	0	0	0	0	1	100	0	0	430	33	0	0	50	50	428						
B.	33	0	0	1	100	0	0	0	0	450	17	0	100	0	0	450						
C.	33	0	0	0	0	1	100	0	0	440	33	0	0	100	0	438						
D.	0										17	0	100	0	0	450						

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